

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**

*Number*

ST00617AT

*This certificate, issued to*

Aircraft Modification Design Services, Inc.  
8960 Ridgemont Drive  
Atlanta, Georgia 30350

*certifies that the change in the type design for the following product with the limitations and conditions*

*therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product—Type Certificate Number:*

4A25

*Make:*

McDonnell Douglas

*Model:*

DC-8-51, S/N 45935 only

*Description of Type Design Change:*

Increase in aircraft operating weights (Maximum Takeoff Weight - 315,000 lbs., Maximum Landing Weight - 217,000 lbs., Maximum Zero Fuel Weight - 203,000 lbs.) in accordance with Aircraft Modification Design Services, Inc. Master Drawing List No. 10-1000, Revision D, dated December 7, 1994, or later FAA approved revision.

*Limitations and Conditions:*

STC SA3915NM is required to meet the noise requirements of FAR 36. This approval is limited to S/N 45935 only. FAA Approved Airplane Flight Manual Supplement, dated December 14, 1994, or later FAA approved revision, is a required part of this STC. Inspections specified in Supplemental Inspection Document (SID) Supplement AMD-10-505 are required by this STC. Compatibility of this design change with previously approved modifications must be determined by the installer.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* March 17, 1994

*Date reissued:*

*Date of issuance:* December 14, 1994

*Date amended:* March 20, 1998



*By direction of the Administrator*

Paul C. Sconyers (Signature)  
Associate Manager, ACE-117A

Atlanta Aircraft Certification Office  
(Title)

**Added Notes at Surrender:**

1. Future unsafe conditions existing in the product can result in an airworthiness directive requiring correction of the unsafe condition before further flight. If there is no entity to comply with 14 CFR 21.99(a), Required design changes, the existence of an unsafe condition might result in permanently grounding of the aircraft.
2. Replacement parts might not be available in the future.

**STC Surrender processed:**

Approval by: *Melvin Taylor* *for*

Melvin Taylor, ATL ACO Manager

Date: 12/1/2007

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*